

ABSTRACT OF THE DISCLOSURE

Dynamic adaptation of connection-oriented networks is introduced wherein, once congestion is encountered, dynamic adaptation steps may be performed. Four adaptation steps are proposed for reacting to various network congestion scenarios. It is further recommended that the steps are performed in a particular order such that the higher severity and longer sustentation of the network congestion the more strict step is performed to alleviate the network congestion. At a switch in the connection-oriented network, utilization of a trunk carried on a link connected to the switch is monitored and, if said utilization of said trunk exceeds a first threshold, a first degree of adaptation is initialized wherein use of the trunk by further connections is prevented. Subsequent degrees of adaptation are triggered when high utilization continues and surpasses higher thresholds. The subsequent degrees of adaptation involve rerouting connections that make use of the trunk.